

## Position Description (PD) Template for Yucca Mountain Lead Lab Activities

Position Description Number	YM050	
Creation Date of PD	6/30/06	
Job Title	<b>Disruptive Events Quality Assurance Engineer for Performance Assessment</b>	
SNL Dept Name	Performance Assessment – Disruptive Events Group	
SNL Org Number (or TBD)	TBD	
Number of Openings	2	
Description of Position	<p><u>Disruptive Events Quality Assurance Engineer</u>                      An experienced (2-5 years) quality assurance (QA) engineer or scientist is needed to support a group of technical staff involved with performance assessment post-closure science activities related to the YMP. In particular, the position requires regular interaction and integration with staff knowledgeable in the area of geologic hazards, such as seismic and volcanic events, that could potentially impact long-term repository performance. The position is located in Las Vegas, NV and has the following general responsibilities:</p> <ul style="list-style-type: none"> <li>• Provide interpretation of QA requirements to group managers and technical staff responsible for documenting scientific activities for the YMP.</li> <li>• Provide reviews of documentation of scientific procedures and products to ensure that they meet appropriate QA requirements for the YMP</li> <li>• Ensure efficient processing of scientific products such that they are qualified and citable and can be tracked and control through a formal data management system.</li> </ul>	
Required Skills & Experience	<p><u>Required Skills</u></p> <ul style="list-style-type: none"> <li>• Good oral and written communication skills</li> <li>• Strong customer focus with ability to meet strict deadlines and provide quality deliverables</li> <li>• Demonstrated ability to work within multi-disciplinary and multi-organizational teams</li> </ul> <p><u>Required Experience</u></p> <ul style="list-style-type: none"> <li>• Demonstrated understanding of QA requirements relevant to the documentation for a nuclear waste repository</li> <li>• Demonstrated knowledge of YMP data management processes and documentation requirements</li> <li>• Demonstrated knowledge of YMP QA procedures</li> <li>• Demonstrated experience in meeting YMP reporting deadlines.</li> <li>• Working knowledge of natural geologic processes including seismic and volcanic events that could potentially impact repository performance</li> </ul>	
Desired Skills & Experience (if applicable)	NA	
Required Education (Degrees & Levels)	B.S. in engineering or related physical sciences field is required.	
Desired Education (Degrees & Levels - if applicable)	An advanced degree in engineering or related physical sciences is desirable.	
Full Time Position? (Y/N)	Y	
Job Requires lifting 35+ Pounds (Y/N)	N	
Desired Start Date	10/1/06	
Can this position accommodate...		
Part Time Employees? (Y/N)	Telecommuting? (Y/N)	Foreign Nationals? (Y/N)
N	N	N

Please Select All Related WBS Elements for this PD  
 (required for distributing PDs to contract providers for sourcing)

WBS Elements of 1.5.03	Name	
1.5.03.08	Disruptive Events - Post Closure Safety	X

SAND #: 2006-4595W